(FILE 'HOME' ENTERED AT 13:50:12 ON 27 AUG 2003)

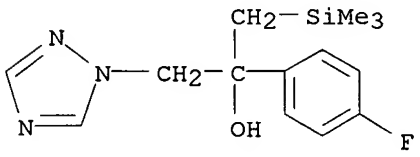
FILE 'REGISTRY' ENTERED AT 13:50:40 ON 27 AUG 2003

L1 1 S SILTHIOFAM/CN

FILE 'CAPLUS, USPATFULL' ENTERED AT 13:51:59 ON 27 AUG 2003

L2 38 S L1
L3 49053 S DIAZOLE OR TRIAZOLE OR STROBILU?
L4 9 S L2 AND L3
L5 1135068 S PLANT OR CROP
L6 708477 S SEED OR LEAF OR FOLIAGE
L7 312190 S CORN OR MAIZE OR SOY? BEAN OR SOYBEAN OR SOYABEAN
L8 5 S L4 AND L5 AND L6 AND L7
L9 4 S L4 NOT L8

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 149508-90-7 REGISTRY
CN 1H-1,2,4-Triazole-1-ethanol, .alpha.-(4-fluorophenyl)-.alpha.-[(trimethylsilyl)methyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN F 155
CN F 155 (pesticide)
CN **Simeconazole**
FS 3D CONCORD
MF C14 H20 F N3 O Si
CI COM
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

20 REFERENCES IN FILE CA (1937 TO DATE)
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
20 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2001:1408 CAPLUS
DOCUMENT NUMBER: 134:127188
TITLE: Simeconazole (F-155), a novel systemic fungicide with broad-spectrum activity for seed treatment
AUTHOR(S): Tsuda, M.; Itoh, H.; Wakabayashi, K.; Ohkouchi, T.; Kato, S.; Masuda, K.; Sasaki, M.
CORPORATE SOURCE: Agroscience Research Laboratories, Sankyo Co., Ltd., Shiga, 520-2353, Japan
SOURCE: BCPC Conference--Pests & Diseases (2000), (Vol. 2), 557-562
CODEN: BCDCAE
PUBLISHER: British Crop Protection Council
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Simeconazole, 2-(4-fluorophenyl)-1-(1H-1,2,4-triazol-1-yl)-3-trimethylsilylpropan-2-ol, is a novel triazole fungicide with prominent systemic effects and good crop safety. It shows broad and strong antifungal activity against plant pathogens, esp. those of the Basidiomycetes. Seed treatment with simeconazole achieves excellent efficacies against wheat loose smut (Ustilago nuda) at doses of 4-10 g a.i./100 kg seed. At high doses of 50-100 g a.i./100 kg seed, the controlled-release formation of simeconazole is also effective against soil and airborne diseases such as sharp eyespot (Rhizoctonia cerealis), eyespot (Pseudocercosporella herpotrichoides), and powdery mildew (Blumeria graminis). Simeconazole increases wheat yield by approx. 10% over untreated control crops.
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT
IT **149508-90-7**, Simeconazole
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(novel systemic fungicide with broad-spectrum activity for **seed** treatment)

Alton Pryor - 308-4691

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(novel systemic fungicide with broad-spectrum activity for **seed** treatment)

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L34 ANSWER 1 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:321745 BIOSIS
DN PREV200200321745
TI Conference Proceedings BCPC Conference **Pests Diseases**
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AU British Crop Protection Council
SO British Crop Protection Council. Conference Proceedings BCPC Conference Pests & Diseases, (2000) Vol. 1-3, pp. i-xxxii, 1-1296. Conference Proceedings BCPC Conference Pests Diseases. print.
Publisher: British Crop Protection Council 49 Downing Street, Farnham, Surrey, GU9 7PH, UK.
Meeting Info.: The 2000 BCPC Conference: Pests & Diseases Brighton, England, UK November 13-16, 2000
ISBN: 1-901396-57-6 (set), 1-901396-58-4 (paper), 1-901396-59-2 (paper), 1-901396-60-6 (paper).
DT Book; **Conference**
LA English
CC General Biology - Symposia, Transactions and Proceedings of Conferences, Congresses, Review Annuals *00520
Agronomy - General, Miscellaneous and Mixed Crops *52502
Pest Control, General; Pesticides; Herbicides *54600
Economic Entomology - Chemical and Physical Control, General; Apparatus *60016
Invertebrata, Comparative and Experimental Morphology, Physiology and Pathology - General *64001
Invertebrata, Comparative and Experimental Morphology, Physiology and Pathology - Insecta - Physiology *64076
BC Plantae - Unspecified 11000
Animalia - Unspecified 33000
Invertebrata - Unspecified 34000
Insecta - Unspecified 75300
IT Major Concepts
Agrichemicals; Agriculture; Pest Assessment Control and Management
IT Chemicals & Biochemicals
insecticide; pesticide
IT Miscellaneous Descriptors
crop protection
ORGN Super Taxa
Animalia; Insecta: Arthropoda, Invertebrata, Animalia; Invertebrata: Animalia; Plantae
ORGN Organism Name
animal (Animalia): pest; insect (Insecta): pest; invertebrate (Invertebrata): pest; plant (Plantae): crop, host
ORGN Organism Superterms
Animals; Arthropods; Insects; Invertebrates; Plants